

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037189.D
 Acq On : 22 Oct 2022 04:53
 Operator : CG/JU
 Sample : N5064-17DL 5X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BN6DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 06:09:09 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	5720	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	17064	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	10123	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.268	188	22755	0.400	ng/ul	0.00
17) Chrysene-d12	21.443	240	19728	0.400	ng/ul	0.00
23) Perylene-d12	23.817	264	17875	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5604	0.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	1376	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	3777	0.063	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.748	128	8870	0.175	ng/ul	98
7) 2-Methylnaphthalene	12.360	142	7817	0.258	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	8393	0.272	ng/ul	100
10) Acenaphthylene	14.252	152	28533	0.656	ng/ul	98
11) Acenaphthene	14.590	153	1914	0.049	ng/ul	97
12) Fluorene	15.575	166	6369	0.139	ng/ul#	97
15) Phenanthrene	17.310	178	278180	3.621	ng/ul	98
16) Anthracene	17.403	178	19496	0.320	ng/ul	100
19) Fluoranthene	19.323	202	334143	3.899	ng/ul	97
20) Pyrene	19.685	202	415848	4.786	ng/ul	100
21) Benzo(a)anthracene	21.429	228	129080	1.686	ng/ul	97
22) Chrysene	21.479	228	269070	3.054	ng/ul	99
24) Benzo(b)fluoranthene	23.095	252	276107	2.916	ng/ul	93
25) Benzo(k)fluoranthene	23.136	252	82667m	0.903	ng/ul	
26) Benzo(a)pyrene	23.709	252	145063	1.908	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.265	276	114505	1.078	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.278	278	31577	0.377	ng/ul	97
29) Benzo(g,h,i)perylene	27.020	276	104566	1.120	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

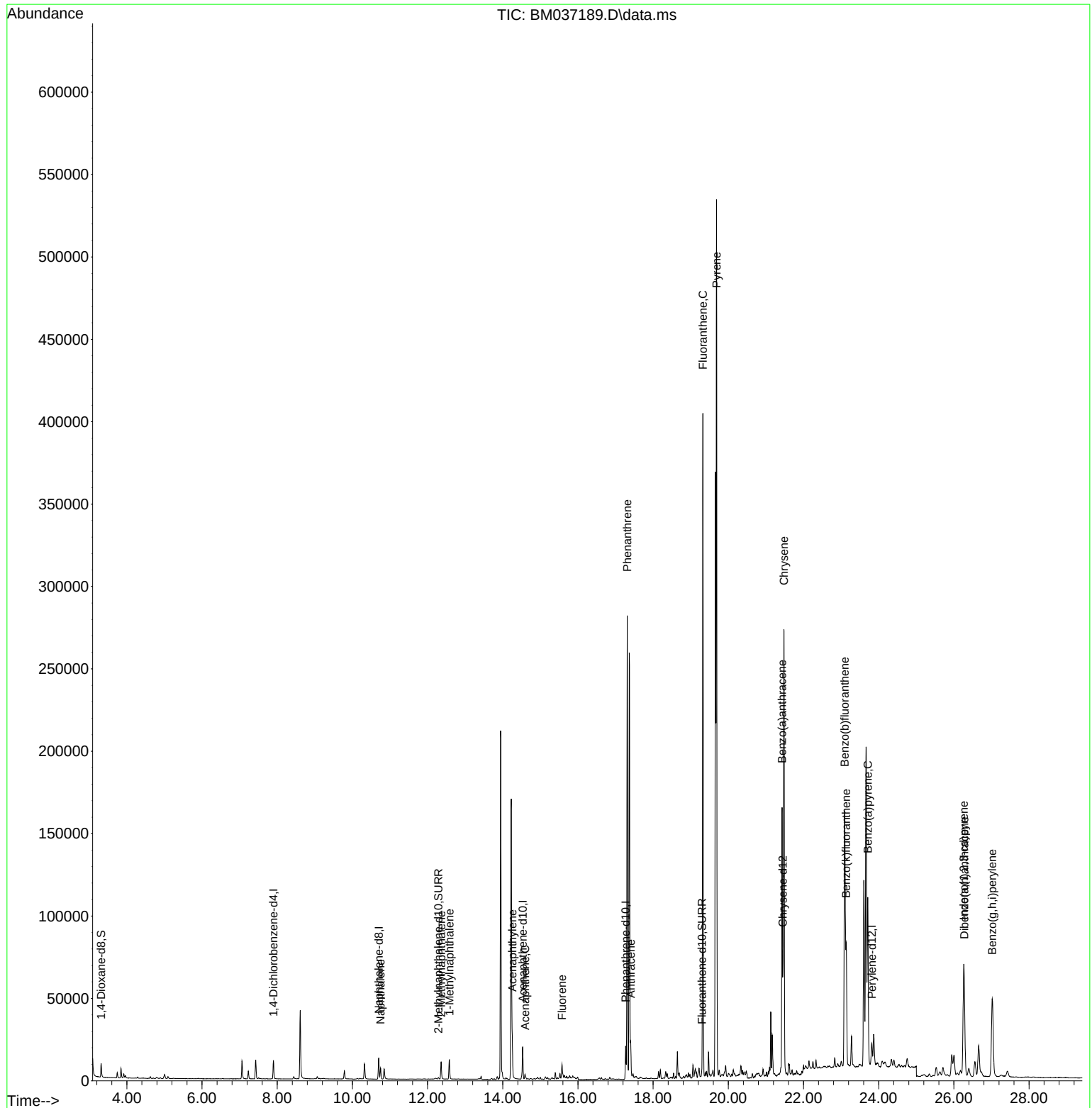
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037189.D
Acq On : 22 Oct 2022 04:53
Operator : CG/JU
Sample : N5064-17DL 5X
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ALS Vial : 61 Sample Multiplier: 1

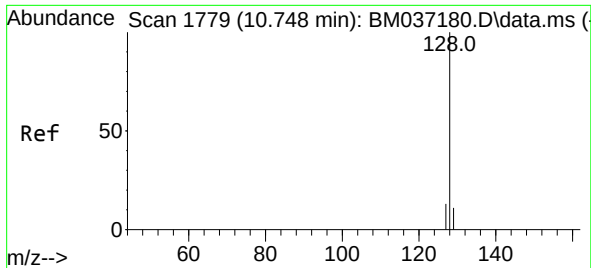
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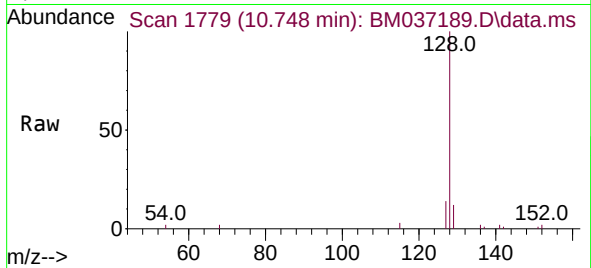
Quant Time: Oct 22 06:09:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.175 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53

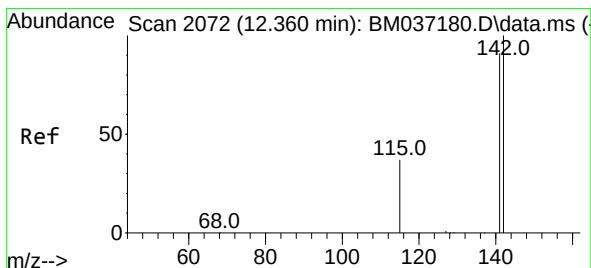
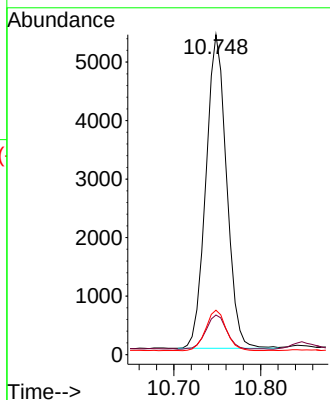
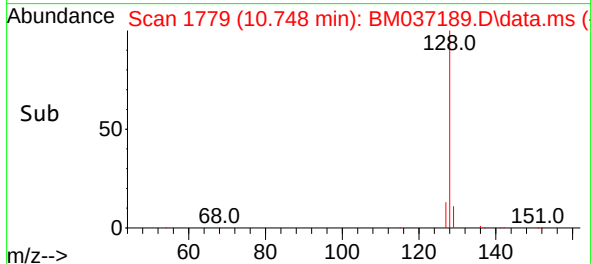
Instrument :
BNA_M
ClientSampleId :
C0BN6DL



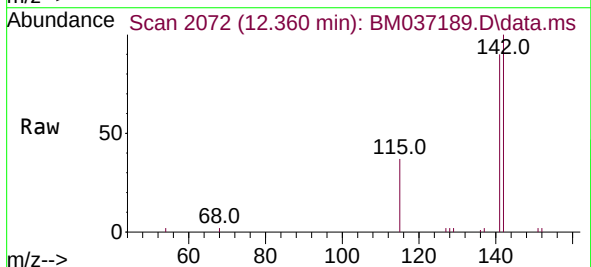
Tgt Ion:128 Resp: 8870
Ion Ratio Lower Upper
128 100
129 12.4 9.3 13.9
127 13.9 10.5 15.7

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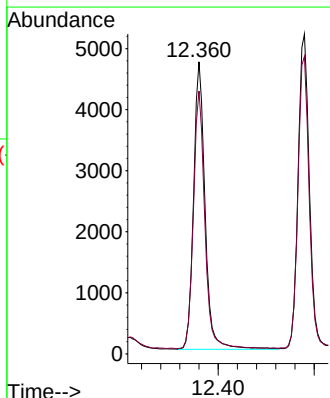
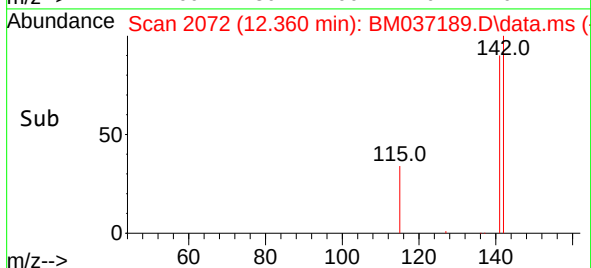
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

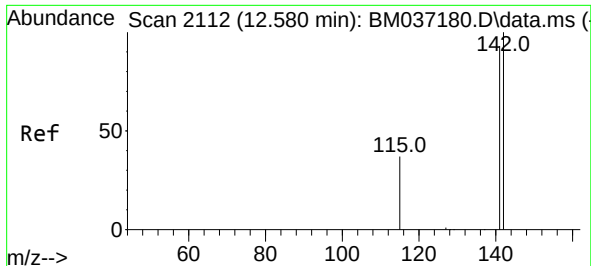


#7
2-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53



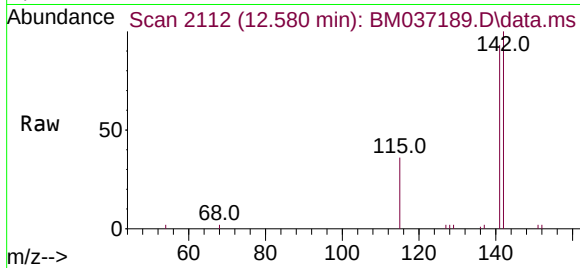
Tgt Ion:142 Resp: 7817
Ion Ratio Lower Upper
142 100
141 88.8 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53

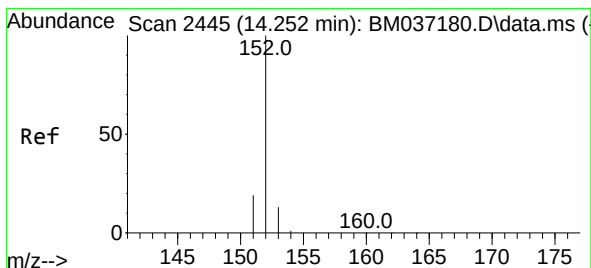
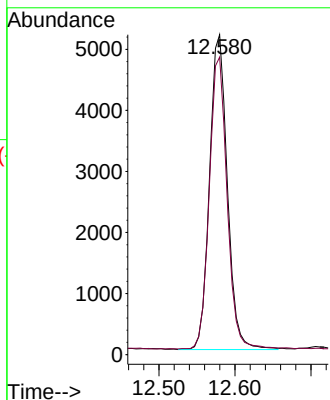
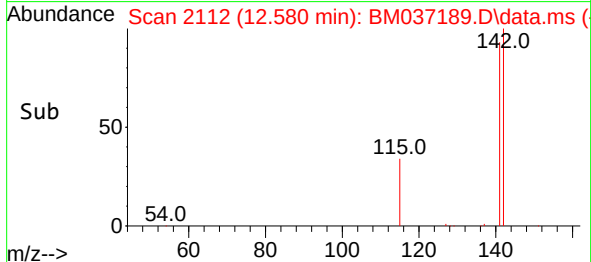
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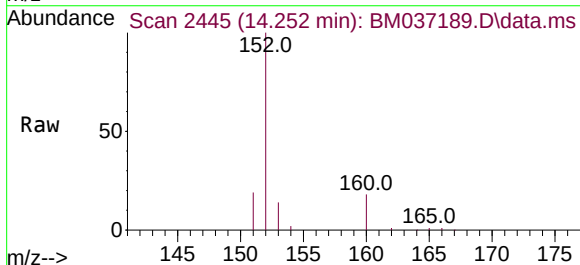
Tgt Ion:142 Resp: 8393
Ion Ratio Lower Upper
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141 92.5 74.2 111.4

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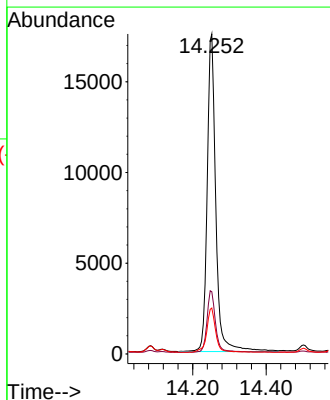
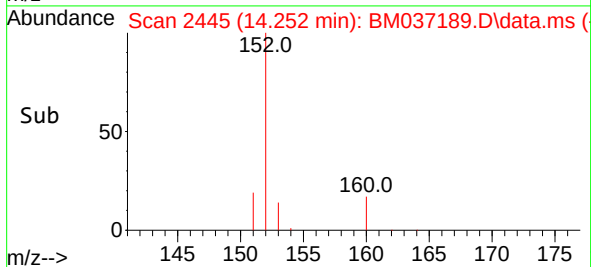
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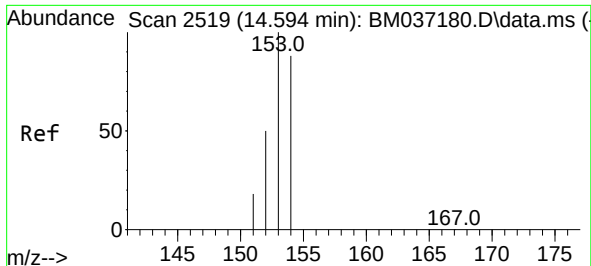


#10
Acenaphthylene
Concen: 0.656 ng/ul
RT: 14.252 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53



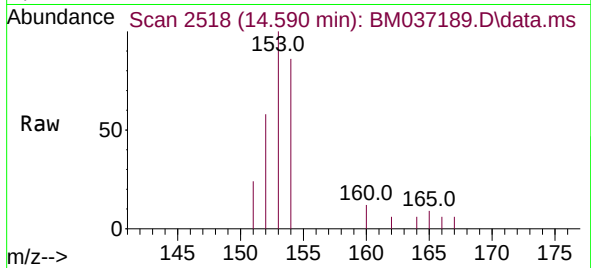
Tgt Ion:152 Resp: 28533
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.2
153 14.3 10.8 16.2





#11
Acenaphthene
Concen: 0.049 ng/ul
RT: 14.590 min Scan# 214
Delta R.T. -0.005 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53

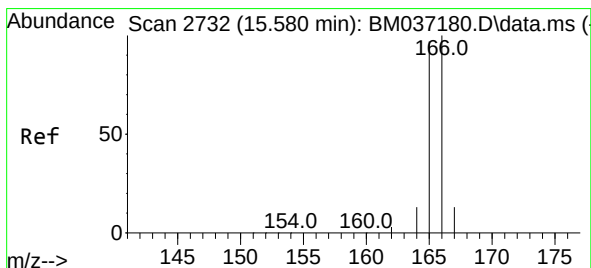
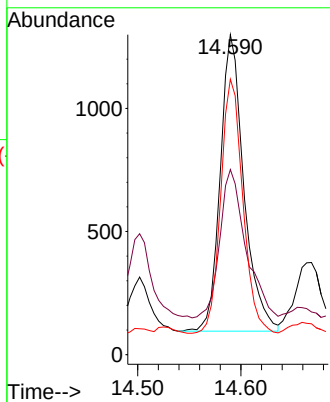
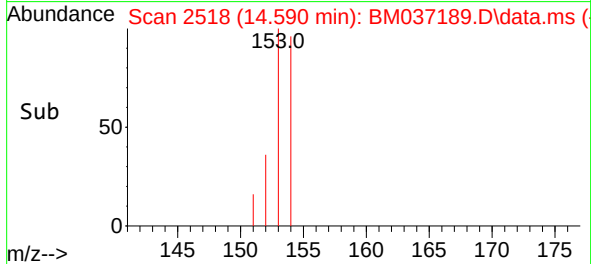
Instrument :
BNA_M
ClientSampleId :
C0BN6DL



Tgt Ion:153 Resp: 1914
Ion Ratio Lower Upper
153 100
152 57.8 43.3 64.9
154 86.1 70.0 105.0

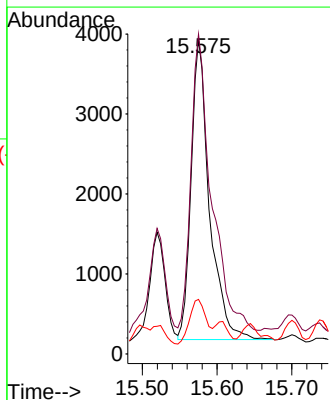
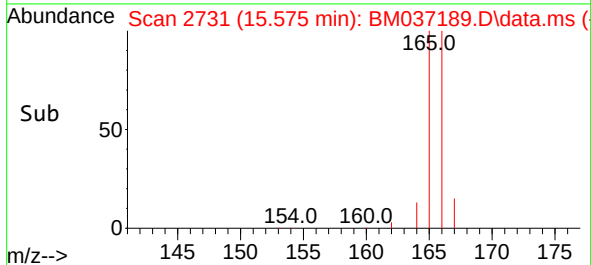
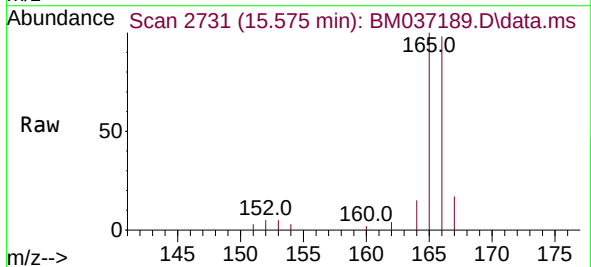
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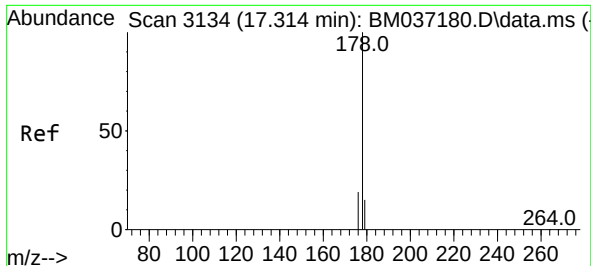
Reviewed By :Jagrut Upadhyay 10/24/2022
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#12
Fluorene
Concen: 0.139 ng/ul
RT: 15.575 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53

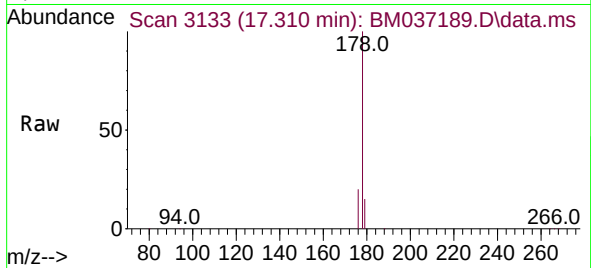
Tgt Ion:166 Resp: 6369
Ion Ratio Lower Upper
166 100
165 101.8 79.4 119.2
167 17.4 11.3 16.9#





#15
Phenanthrene
Concen: 3.621 ng/u1
RT: 17.310 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53

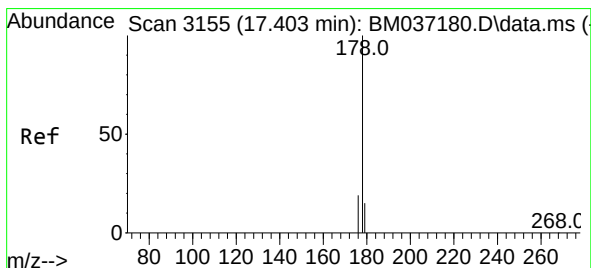
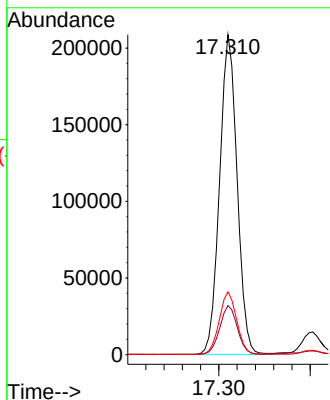
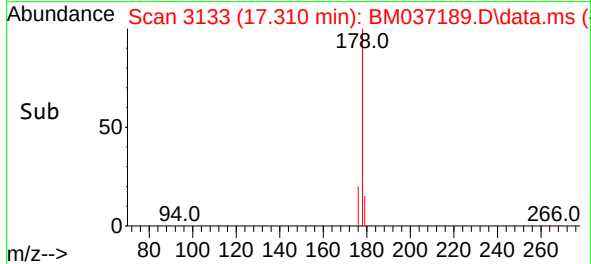
Instrument :
BNA_M
ClientSampleId :
C0BN6DL



Tgt Ion:178 Resp: 278180
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 19.6 16.1 24.1

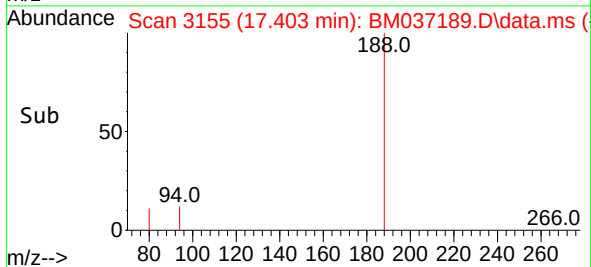
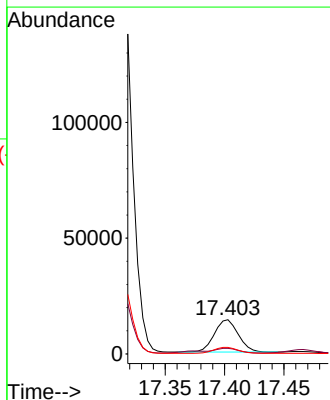
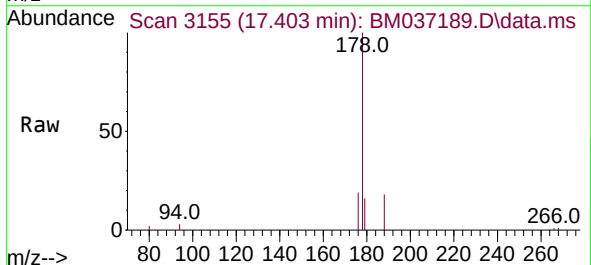
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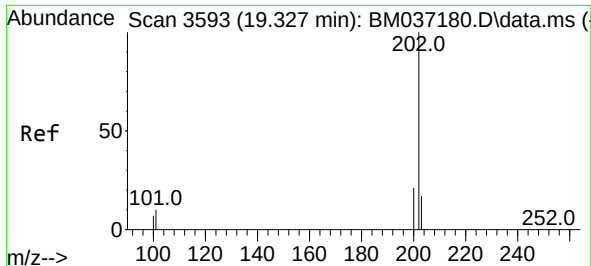
Reviewed By :Jagrut Upadhyay 10/24/2022
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#16
Anthracene
Concen: 0.320 ng/u1
RT: 17.403 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53

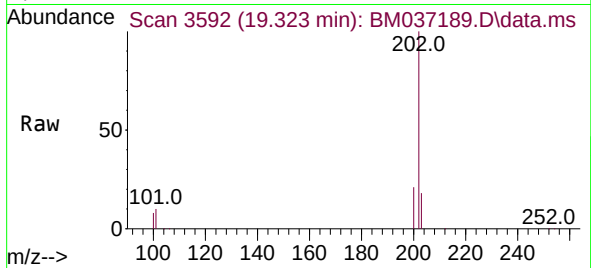
Tgt Ion:178 Resp: 19496
Ion Ratio Lower Upper
178 100
179 16.3 13.1 19.7
176 19.0 15.3 22.9





#19
Fluoranthene
Concen: 3.899 ng/u1
RT: 19.323 min Scan# 3592
Delta R.T. -0.005 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53

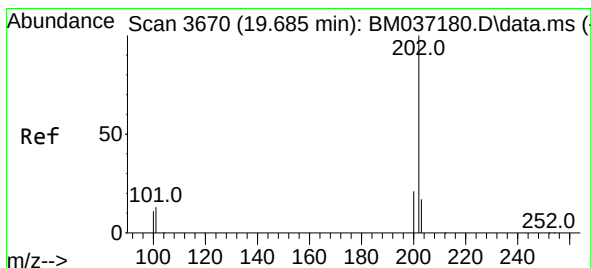
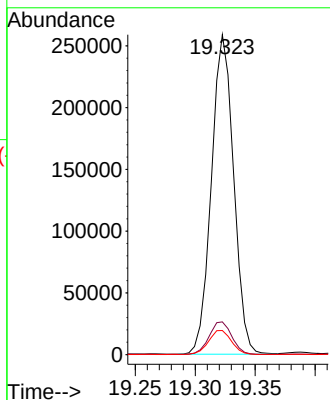
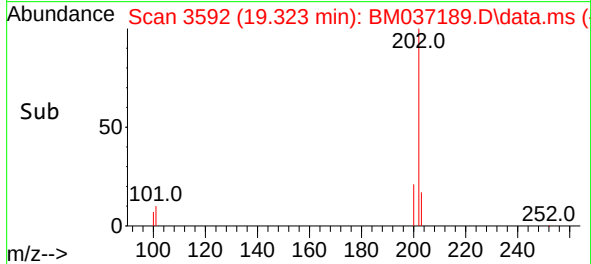
Instrument :
BNA_M
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C0BN6DL



Tgt Ion:202 Resp: 334143
Ion Ratio Lower Upper
202 100
101 10.2 8.9 13.3
100 7.6 6.9 10.3

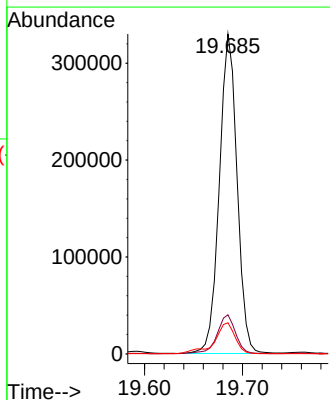
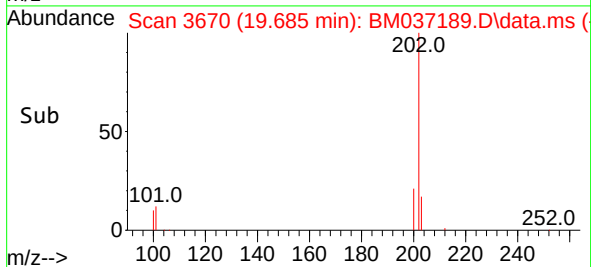
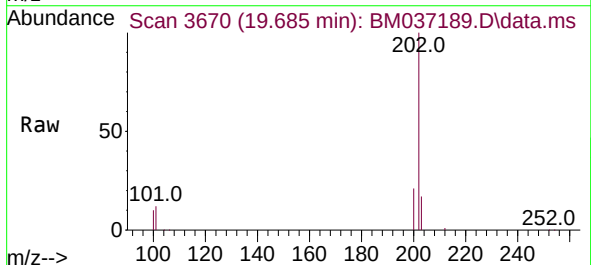
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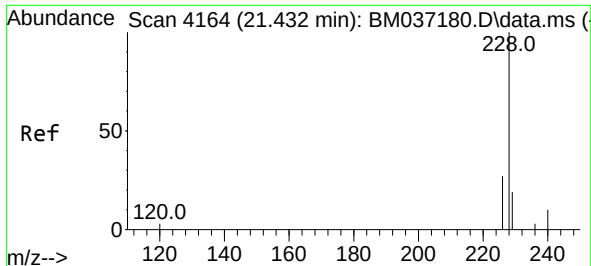
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#20
Pyrene
Concen: 4.786 ng/u1
RT: 19.685 min Scan# 3670
Delta R.T. 0.000 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53

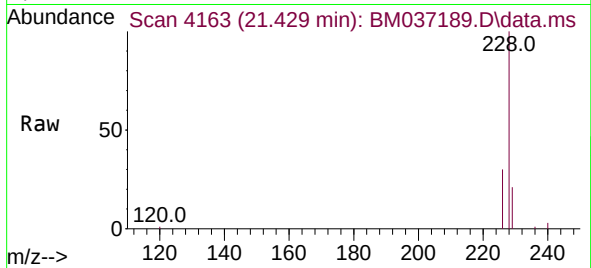
Tgt Ion:202 Resp: 415848
Ion Ratio Lower Upper
202 100
101 12.2 9.7 14.5
100 9.7 7.8 11.8





#21
Benzo(a)anthracene
Concen: 1.686 ng/ul
RT: 21.429 min Scan# 4164
Delta R.T. -0.003 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53

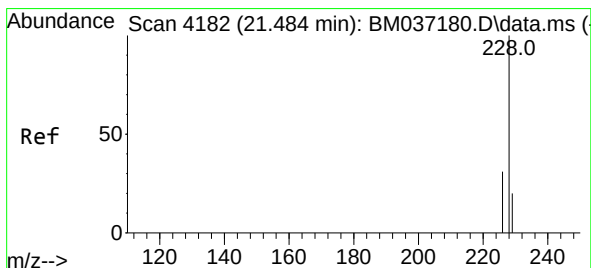
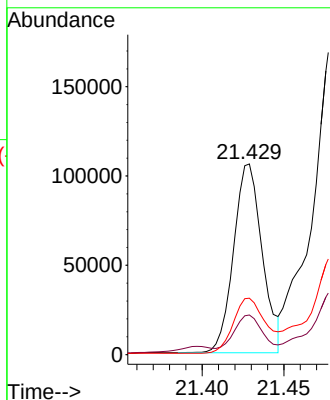
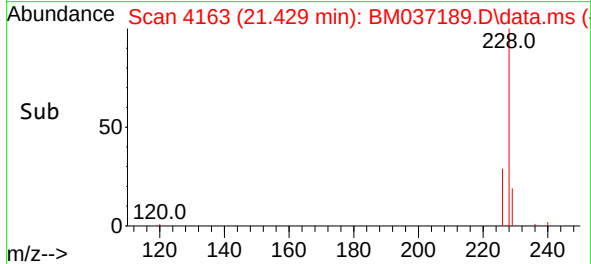
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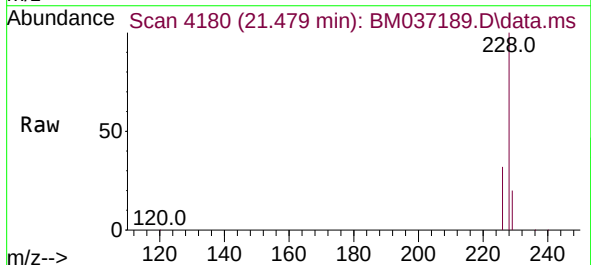
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Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 29.6 21.8 32.8

Manual Integrations
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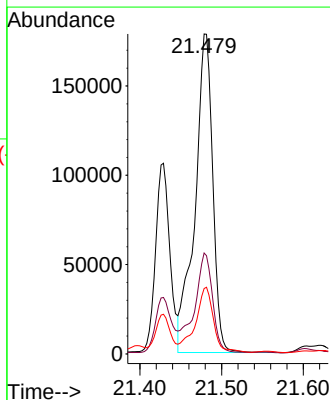
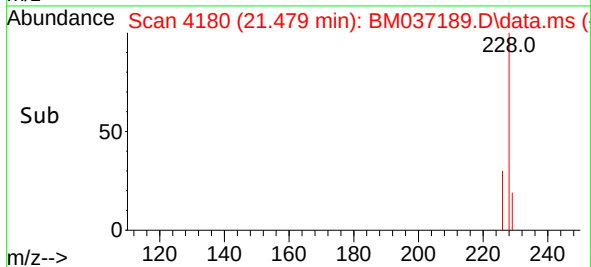
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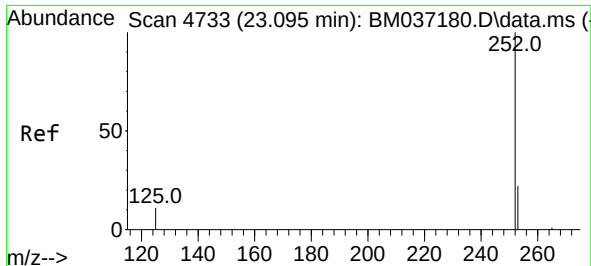


#22
Chrysene
Concen: 3.054 ng/ul
RT: 21.479 min Scan# 4180
Delta R.T. -0.006 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53



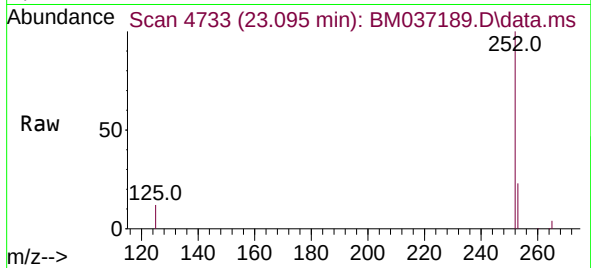
Tgt Ion:228 Resp: 269070
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 20.4 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 2.916 ng/ul
RT: 23.095 min Scan# 4733
Delta R.T. 0.000 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53

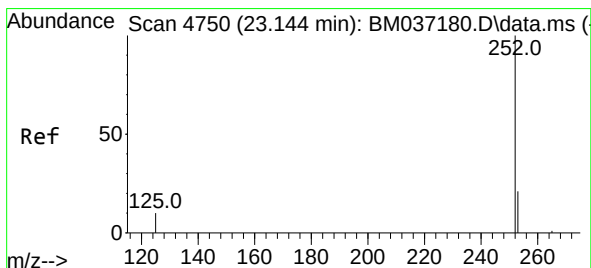
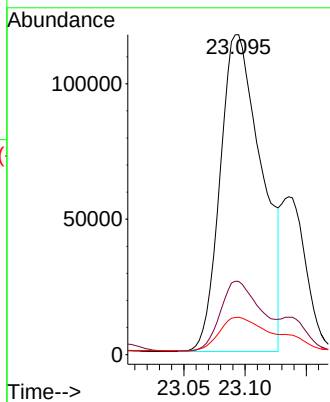
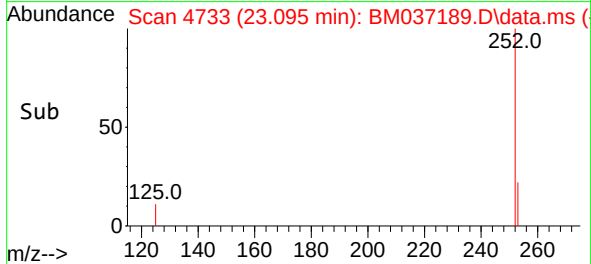
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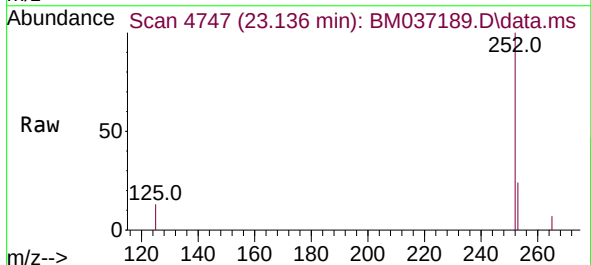
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Ion Ratio Lower Upper
252 100
253 22.9 0.0 50.6
125 11.7 0.0 32.6

Manual Integrations
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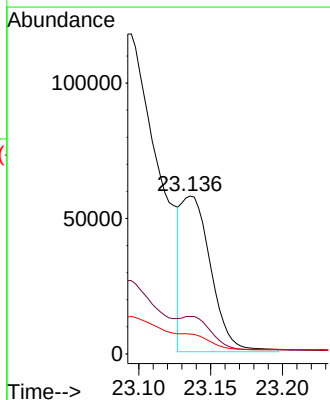
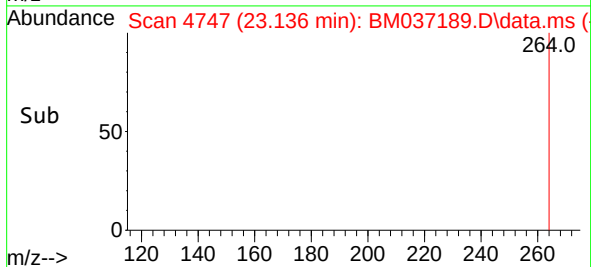
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Supervised By :mohammad ahmed 10/24/2022

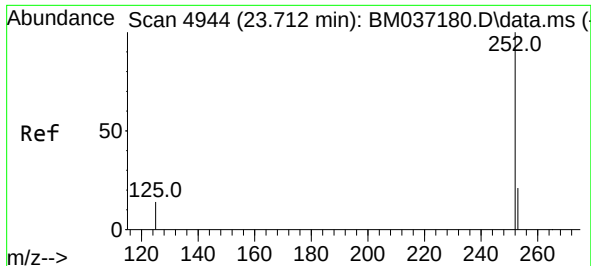


#25
Benzo(k)fluoranthene
Concen: 0.903 ng/ul m
RT: 23.136 min Scan# 4747
Delta R.T. -0.009 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53



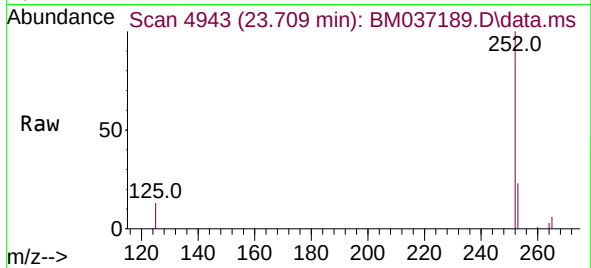
Tgt Ion:252 Resp: 82667
Ion Ratio Lower Upper
252 100
253 23.7 20.6 30.8
125 12.5 13.3 19.9#





#26
Benzo(a)pyrene
Concen: 1.908 ng/ul
RT: 23.709 min Scan# 4944
Delta R.T. -0.003 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53

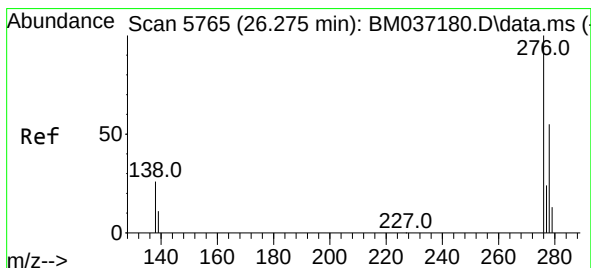
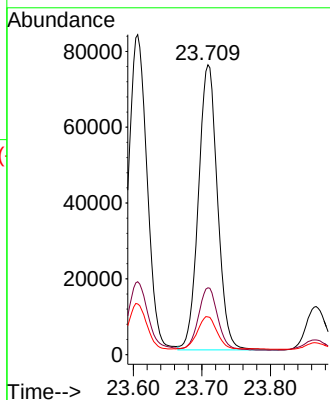
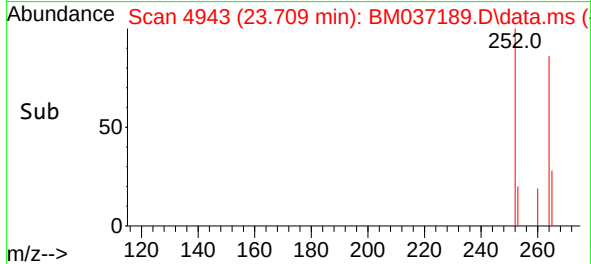
Instrument :
BNA_M
ClientSampleId :
C0BN6DL



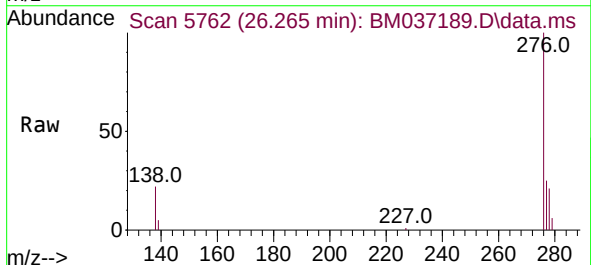
Tgt Ion:252 Resp: 145063
Ion Ratio Lower Upper
252 100
253 23.0 22.1 33.1
125 13.0 17.6 26.4

Manual Integrations
APPROVED

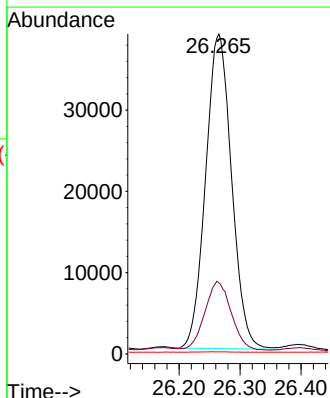
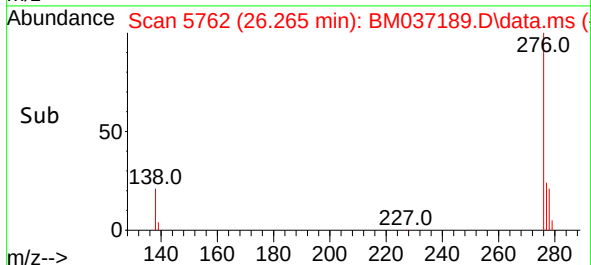
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

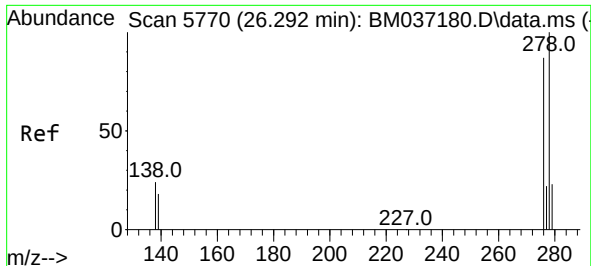


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.078 ng/ul
RT: 26.265 min Scan# 5762
Delta R.T. -0.010 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53



Tgt Ion:276 Resp: 114505
Ion Ratio Lower Upper
276 100
138 22.2 21.4 32.0
227 0.2 0.1 0.1





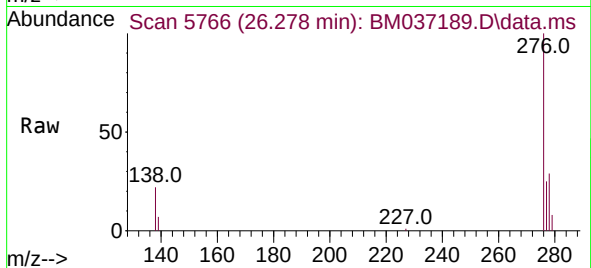
#28
Dibenzo(a,h)anthracene
Concen: 0.377 ng/ul
RT: 26.278 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53

Instrument :

BNA_M

ClientSampleId :

C0BN6DL

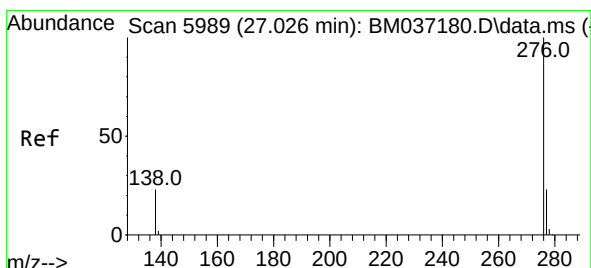
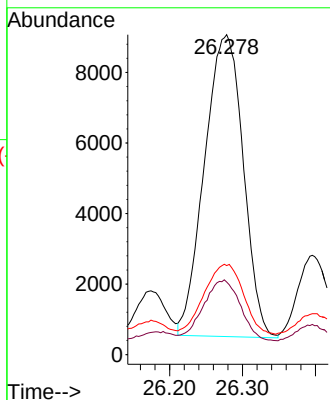
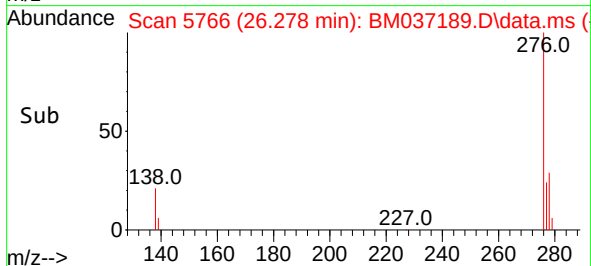


Tgt Ion:278 Resp: 3157
Ion Ratio Lower Upper
278 100
139 22.7 16.3 24.5
279 27.8 21.5 32.3

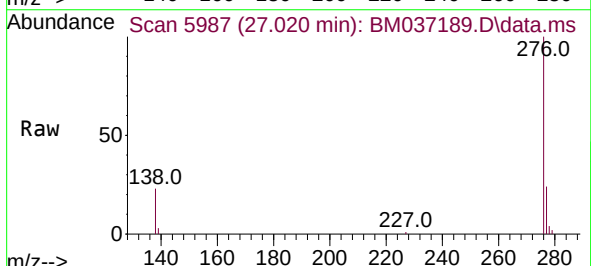
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 1.120 ng/ul
RT: 27.020 min Scan# 5987
Delta R.T. -0.007 min
Lab File: BM037189.D
Acq: 22 Oct 2022 04:53



Tgt Ion:276 Resp: 104566
Ion Ratio Lower Upper
276 100
138 22.9 19.8 29.8
277 24.1 20.1 30.1

